Bulletins of the International Mathematical Union

Bulletin of the IMU, No. 23 (1985)

IMU

**BULLETIN
OF THE
INTERNATIONAL MATHEMATICAL UNION**

**No. 23
June 1985**

INTERNATIONAL MATHEMATICAL UNION

EXECUTIVE COMMITTEE

(January 1, 1983 - December 31, 1986)

President:	Professor Jürgen Moser
Vice-Presidents:	Professor L.D. Faddeev
	Professor J-P. Serre
Secretary:	Professor Olli Lehto
Members:	Professor S. Mizohata
	Professor G.D. Mostow
	Professor M.S. Narasimhan
	Professor Czeslaw Olech
	Professor Jacob Palis Jr.
Past President:	Professor Lennart Carleson

MEMBERS OF THE UNION

During the fall of the year 1984 a ballot was conducted among the member
countries on the admittance of Malaysia to the Union, to Group I. All
votes received, 82 out of 114 possible votes, were in favor of the
admittance. Therefore Malaysia became the 52nd member of the Union as
of January 1, 1985.

The National Adhering Organization of Malaysia is Malaysian Mathematical
Society and the National Committee for Mathematics consists of the
following members: Professor Cheng Mee-Chooi (Chairman), Dr. Lim Ming
Huat (Secretary), Dr. Lin Chong-Keang, Dr. Seah Sek Wui, and Dr. Tan
Keng Teh (members).

The following countries were members of the Union on January 1, 1985:

Group I: Cameroon, Chile, China-Taiwan, Cuba, Egypt, Greece, Hong Kong,
           Iceland, Iran, Democratic Republic of Korea, Republic of Korea,
           Malaysia, Mexico, New Zealand, Nigeria, Norway, Philippines,
           Portugal, Singapore, Turkey, Viet Nam;

Group II: Argentina, Austria, Bulgaria, Denmark, Finland, Ireland,
           Israel, Pakistan, Rumania, South Africa, Spain, Yugoslavia;

Group III: Australia, Belgium, Brazil, Canada, Czechoslovakia, Democratic
           Republic of Germany, Hungary, India, Netherlands, Poland,
           Sweden, Switzerland;

Group IV: Italy;

Group V: France, Federal Republic of Germany, Japan, United Kingdom,
           USSR, USA.

ICM-86

FIRST ANNOUNCEMENT

The U.S. National Committee for Mathematics of the U.S. National Academy
of Sciences is pleased to announce that the next International Congress
of Mathematicians will be held at the University of California, Berkeley,
from Sunday, August 3 through Monday, August 11, 1986.

Mathematical Program

The work of the Congress will be divided into 19 sections. There will be
about 16 invited one-hour expository addresses covering recent developments
in the major areas of mathematics, and approximately 129 invited 45-minute
lectures in the sections. Members of the Congress will have an opportunity
to present ten-minute communications of contributed papers, and to hold
informal mathematical seminars on their own initiative. All scientific
sessions of ICM-86 will be held on the campus of the University of
California, Berkeley, which is situated along gently sloping hills that
overlook the city of Berkeley, the San Francisco Bay, and the twin towers
of the Golden Gate Bridge.

All invited lectures will be published in the Proceedings of ICM-86.
A complimentary copy will be sent to each ordinary member of the
Congress. Abstracts of the short communications will be available to
ordinary members at the Congress.

English, French, German and Russian are the official languages of the
Congress.

Social Events

The Chancellor of the University of California, Berkeley, will host a
reception for Congress members. Other social events being arranged include
a Western Barbecue and Rodeo. During ICM-86, short day trips to local sites
of interest in the scenic Northern California area will be available.
Preregistrants will have an opportunity to request these day trips in
advance, as well as several pre- and post-Congress tours. More detailed
descriptions of these activities will appear in the Second Announcement.

Accommodations

Sleeping rooms will be available in a variety of hotels and student residence
halls in Berkeley, Oakland and San Francisco. Detailed information on
location and rates will be provided in the Second Announcement, which will
include a preregistration/housing request form for completion and return
to ICM-86.

Second Announcement

The Second Announcement of ICM-86 will describe all activities of the Congress
in detail, and provide instructions on how to complete the preregistration
process and obtain accommodations. It will provide more information on the
scientific program, and give instructions regarding the submission of
abstracts of short communications and the organization of informal seminars.

IN ORDER TO RECEIVE THE SECOND ANNOUNCEMENT OF ICM-86, PLEASE COMPLETE
THE FORM BELOW AND RETURN TO:

> ICM-86
> Post Office Box 6887
> Providence, Rhode Island 02940, USA

I would like to receive the Second Announcement of ICM-86. I have PRINTED
my name and address below as I would like it to appear on the official
Congress records:

Name:_____
    (last or surname)   (first or given name)   (middle name or initial)

Mailing address:_____
                    (institution)

_____
(street and number)   (city or town)   (zip code)

_____
(state, province, etc.)   (country)

PLEASE MAIL TO REACH THE ABOVE ADDRESS BEFORE SEPTEMBER 30, 1985.

The Executive Committee of IMU had its 48th meeting in Paris on May 9-10, 1985. The next meeting of the Committee will be held in Paris on April 3-4, 1986.

The following letter has been sent to all National Committees for Mathematics:

Dear Colleagues,

The Tenth General Assembly, to be held from July 31 to August 2, 1986, will elect a new Executive Committee of the Union, the Executive Committee of the International Commission on Mathematical Instruction as well as the Commission on Development and Exchange.

Following the rules of procedure of these elections, which you will find enclosed herewith, the Executive Committee of IMU requests you to send your proposals for the candidates to the Secretariat by December 31, 1985.

Yours sincerely,

Olli Lehto

Secretariat: Department of Mathematics, University of Helsinki, Hallituskatu 15, SF-00100 Helsinki, Finland.

PROCEDURE FOR THE ELECTION OF THE EXECUTIVE COMMITTEE OF IMU

1. Not less than a year before the meeting of the G.A., the E.C. shall request proposals for the membership of the E.C. from the National Committees, to be considered before the meeting of the E.C. in the spring before the Assembly.

   The E.C. shall then draw up its own list of nominations and this shall be made known to delegates not later than the beginning of the meeting of the G.A. The E.C. shall make certain that the candidate is willing to serve if elected.

2. Further nominations may be made in writing before the commencement of business on the second day of the meeting provided that they are signed by at least ten delegates and contain a statement by the candidate that he or she is willing to serve if elected.

   Each nomination shall be for a specific office: President, Secretary, Vice-President or Member at large of the E.C.

3. On the first day of the meeting, the General Assembly shall appoint a Nominating Committee consisting of:
   a) the President (chairman),
   b) all Past Presidents who are present (ex-officio),
   c) eight further delegates.

   Election to c) shall be from names either proposed by the President or proposed and seconded from the floor; and shall be by show of hands unless the meeting decides otherwise.

4. The Nominating Committee shall propose a slate from the nominations made under 1) and 2) above and shall make it known to the meeting.

   No person shall be a candidate for more than one office.

5. The General Assembly shall then elect the new Executive by written ballots.

   The voting slips shall contain all the names nominated under 1) and 2) (unless a candidate withdraws), but no others.

   A vote shall be invalid if more names are marked in any category than the number of places to be filled (i.e., one each for President and Secretary, two for Vice-Presidents and five for Members at large).

   A candidate for President or Secretary may be elected only if unopposed or if he or she obtains a majority of the votes cast. If the first ballot is indecisive, there shall be a second ballot.

   In the ballots for the Vice-Presidents and Members at large, the two or five candidates respectively who obtain the largest numbers of votes shall be elected.

   In the event of a tie, the President shall decide.

Note: Statute 9 provides (inter alia) that: "each delegation shall be free to cast the votes to which it is entitled either as a unit or divided in such a manner as it may determine".

PROCEDURE FOR THE ELECTION OF THE EXECUTIVE COMMITTEE OF ICMI

The rules for the election of the Executive Committee of ICMI are similar to those for the election of the Executive Commitee of IMU with the same Nominating Committee.

The E.C. of IMU shall request proposals for the membership of the E.C. of ICMI from National Committees and will conduct extensive consultations with the existing Executive Committee of ICMI before proposing slates to the Nominating Committee.

No person can be a candidate for more than one office.

PRECEDURE FOR THE ELECTION OF THE COMMISSION OF DEVELOPMENT AND EXCHANGE

The rules for the election of the Commission of Development and Exchange are similar to those for the election of the Executive Committees of IMU and ICMI with the same Nominating Committee.

The E.C. of IMU shall request proposals for the membership of C.D.E. from National Committees and will conduct extensive consultations with the existing C.D.E. before proposing slates to the Nominating Committee.

No person can be a candidate for more than one office.

INTERNATIONAL COMMISSION ON MATHEMATICAL INSTRUCTION

TERMS OF REFERENCE

1. The Commission shall consist of

   (a) the members of an Executive Committee as specified in (2) below, elected by IMU, and

   (b) one national delegate from each member nation as specified in (4) below,

2. The Executive Committee consists of four officers, namely, President, two Vice Presidents, and Secretary, and of three further members. Furthermore, the outgoing President of ICMI, the President and the Secretary of IMU, and the representative of IMU at CTS (ICSU) are members ex-officio of the E.C.

3. In all other respects the Commission shall make its own decisions as to its internal organization and rules of procedure.

4. Any National Adhering Organization wishing to support or encourage the work of the Commission may create, or recognize, in agreement with its National Committee, a National Sub-Commission for ICMI to maintain liaison with the Commission in all matters pertinent to its affairs. The National Adhering Organization in question shall designate one member of the said Sub-Commission, if created, to serve as a delegated member of ICMI as mentioned in (1).

5. The Commission shall be charged with the conduct of the activities of IMU, bearing on mathematical or scientific education and shall take the initiative in inaugurating appropriate programmes designed to further the sound development of mathematical education at all levels, and to secure public appreciation of its importance. In the pursuit of this objective, the Commission shall cooperate, to the extent it considers desirable with effective regional groups which may be formed spontaneously, within, or outside, its own structure.

6. The Commission may, with the approval of the Executive Committee of IMU, coopt, as members of ICMI, suitably chosen representatives of non-IMU countries, on an individual basis.

7. The budget of the Commission shall be submitted to the Executive Committee of IMU and the General Assembly, for approval, at such times as may be determined by agreement between the Commission and the Executive Committee of IMU.

8. The Commission shall file an annual report of its activities with the Executive Committee of IMU, and shall file a quadrennial report at each regular meeting of the General Assembly.

COMMISSION ON DEVELOPMENT AND EXCHANGE

TERMS OF REFERENCE

1. The Commission shall consist of a Chairman, and nine other members (including the Secretary of IMU, ex-officio).

   The rules for the election of the Commission are similar to those of the IMU E.C. and of the ICMI E.C., with the same Nominating Committee. The E.C. shall request proposals for the membership of C.D.E. from National Committees and will conduct extensive consultations with the existing C.D.E. before proposing slates to the Nominating Committee.

2. The Commission shall elect, from among its members, a Secretary who shall act also as its Treasurer, unless the Commission appoints another member for that purpose.

   The Chairman, the Secretary (if any) and the Treasurer (if any) shall be designated as <u>Officers of the Commission</u>. The Commission may, in exceptional circumstances, elect the Chairman as Secretary or Treasurer, as the case may be, provided that the Commission has at least two different (elected) officers. The Commission shall make its own financial arrangements, subject to By-law 10 of the IMU.

3. Acting in accordance with the Statutes and By-laws of the Union, and the administrative policies of the Union, as determined by the Executive Committee, the Commission shall:

   (a) support and encourage the growth of Mathematics in developing countries and co-operate with appropriate bodies to that end;

   (b) support the exchange of visits with member countries of the Union in which, for one reason or another (e.g. non-convertible currencies), such exchanges are not easy to arrange;

   (c) advise and assist existing agencies working towards the same objective with due regard to the non-governmental and non-political nature of IMU and to its administrative policies, and without duplicating or prejudicing the work of other Commissions and Committees of IMU at points of common interest.

4. The Commission may accept gifts, legacies and subventions, subject to the Statutes of IMU, Section 16. The Commission shall make its own arrangements for the utilization of such funds for the activities mentioned in (3).

5. The Commission shall report annually to the Executive Committee on its activities and provide a financial statement.

6. The Commission shall file a quadriennal report at each regular meeting of the General Assembly.

The Commission shall come into existence on January 1, 1979, and the present "Commission on Exchange" shall be dissolved from that date.

TO THE NATIONAL COMMITTEES FOR MATHEMATICS

TRAVEL GRANTS FOR YOUNG MATHEMATICIANS

The International Mathematical Union will award travel grants to young
mathematicians to help them to attend the ICM-86, Berkeley, California,
August 3-11, 1986. The grants are intended primarily for young mathema-
ticians from developing countries (not necessarily members of IMU), but
applications from countries with strict monetary regulations will also
be considered.

The age-limit for the grants is 35 years. The candidates should present
evidence of research work on post-doctoral level (such as publications
in journals or preprints), and they should be able to benefit from the
interaction with mathematicians from other countries attending the Congress.

In addition to the name and address of the candidate, the applications
should contain a brief curriculum vitae plus a list of publications and
preprints.

The International Congress of Mathematicians will waive the registration
fee of the grantees and provide a special allowance to cover their board
and lodging.

Applications for the travel grant may be sent directly to the Secretary
of the Union. Applications may also be submitted through the National
Committees, which in such a case will send all the relevant information
about the candidates to the Secretary.

All applications should reach the Secretary by January 15, 1986.

Sincerely yours,

Olli Lehto

Secretariat: Department of Mathematics, University of Helsinki,

Hallituskatu 15, SF-00100 Helsinki, Finland.

INTERNATIONAL MATHEMATICAL UNION

Date: April 10, 1985

To: The Chairmen of National Committees of the IMU

Subject: World Directory of Mathematicians, 8th Edition

From: Professor G. D. Mostow, Editor
          c/o American Mathematical Society
          P. O. Box 6248
          Providence, RI 02940

The Executive Committee of the International Mathematical Union has commissioned me to collect the material for the 8th Edition of the *World Directory of Mathematicians*. As before, the Executive Committee asks for your assistance in supplying the names and addresses of those mathematicians in your country who should be listed in the new edition. The following general rules should be observed:

1. The list of names should be ordered alphabetically according to surnames in Latin characters, and transcriptions from other alphabets should be made according to the rules adopted by *Mathematical Reviews*. For diacritical marks, please follow the rules (listed on the reverse), adopted in the 6th Edition.

2. Generally, only one title, such as Dr., Doz., Prof., should be given. The addresses should be complete, including postal codes (if known), but should be as short as possible.

3. The general criterion of admissibility of a person to the 8th Edition of the Directory is the existence of two (2) articles of his or hers, reviewed either in *Mathematical Reviews, Referativnyi Zhurnal* or *Zentralblatt*. **It is important that this general criterion be upheld,** even if it implies the omission of names included in earlier Editions of the Directory.

4. Every National Committee has the privilege of adding a "discretionary supplement" of names. This supplement is to contain no more than 5% of the number of names eligible under rule #3.

5. Membership in a national mathematical society should be neither a necessary nor a sufficient condition for admissibility. In the interest of completeness, it is desirable to include all mathematicians living in your country who have published two articles reviewed in *Mathematical Reviews, Referativnyi Zhurnal* or *Zentralblatt*.

The Executive Committee is fully aware that in many countries, the Chairman of the National Committee must delegate the preparatory work to a special Committee, working with questionnaires to Heads of Departments of Mathematics, Research Institutes, etc., but in **no** case should the decision for inclusion or exclusion be delegated to individuals. This is to enable the National Committees to be the judges of what the final list should be for their own countries.

The final list of names and addresses should be sent to the World Directory of Mathematicians, c/o American Mathematical Society, Attn: Regina Girouard, P. O. Box 6248, Providence, RI 02940 USA. The lists should be sent to the AMS as soon as possible but no later than October 15, 1985.

Since the AMS will be using a computer composition system to prepare the 8th Edition, it may be possible to submit lists on magnetic tape rather than on paper. The AMS can accept tapes which contain standard ANSI volume labels and file header and trailer labels in addition to the file data (i.e., it should be a standard ANSI-labeled tape). The record formats on this labeled tape may be one of the following: fixed length, variable length, or spanned. Variable length is preferred. Blocks should be no longer than 4096 bytes; data should be 8-bit ASCII. If your National Committee is interested in doing this, please contact the AMS as soon as possible to guarantee that your tape and the AMS capabilities are compatible.

SCIENTIFIC ACTIVITIES OF THE UNION

Reports on conferences supported in 1983:

The VIIth International Congress on Mathematical Physics, Boulder,
        Colorado, August 2-10, 1983

A wide variety of the most important recent developments in theoretical
physics and mathematical techniques were presented at the Congress.
In addition to plenary sessions and sessions devoted to specialized
topics, there were sessions for contributed papers and posters. The
Proceedings of the Congress have been published in 1984.

The IMU support to this conference was $ 4000.

Reports on conferences supported in 1984:

International Colloquium on Vector Bundles on Algebraic Varieties,
        Bombay, India, January 9-16, 1984.

The purpose of the Colloquium was to highlight recent developments in
the general area of vector bundles as well as principal bundles on both
affine and projective varieties. Topics covered included also projective
modules and quadratic spaces over general rings.

There were 20 invited addresses, each of one hour's duration.

The Colloquium was supported by IMU ($ 5000), the Tata Institute of
Fundamental Research and the Sir Dorabji Tata Trust.

The IMU representatives were Professors M.F. Atiyah and M.S. Narasimhan.

ELAM VII (Latin American School of Mathematics), Caracas, Venezuela,
        July 16-27, 1984.

The main topic of the conference was differential equations with emphasis
on geometric aspects. There were about 100 participants from various
countries, especially from Latin America. There were four main courses,
each of which will be published as a monograph, and workshops with
dynamical systems and geometrical aspects of partial differential
equations as main topics.

Proceedings will be published later.

IMU support for this conference was $ 5000 and the IMU representative was
Professor Jacob Palis Jr.

ICME 5 (Fifth International Congress on Mathematical Education),
      Adelaide, South Australia, August 24-30, 1984

The Congress was attended by a total of 1984 participants representing
69 different countries.

Plenary lectures were given by Ubiratan D'Ambrosio, Jeremy Kilpatrick,
Renfrey Potts and ICMI President, Jean-Pierre Kahane. The major feature
of the Congress was the time devoted to the fourteen action and theme
groups. In addition there were presentations by various study and
working groups, many short communications and a number of exhibitions.

IMU supported this congress with $ 15 000.

International Conference on Contemporary Problems of Algebra and
      Analysis, Moscow-Leningrad, September 24-28, 1984.

The conference was attended by 40 foreign and 120 Russian mathematicians.
There were plenary lectures, seminars and informal meetings both in
Moscow and Leningrad.

The proceedings will be published later.

IMU supported this conference with the sum of 5000 Swiss francs. The IMU
representatives were Professors L. Carleson and C. Olech.

Conferences supported in 1985:

Banach Space Theory and Classical Analysis, Kent, Ohio, July 28 -
      August 10, 1985.

The conference was granted, in a ballot of the E.C., 5000 Swiss francs.
The IMU representative is Professor W. Rudin.

EQUADIFF 6 (6th International Conference on Differential Equations and
      their Applications), Brno, Czechoslovakia, August 25-30, 1985.

The IMU support for this conference is 7000 Swiss francs and the IMU
representative Professor St. Hildebrandt.

APPENDIX:

INTERNATIONAL MATHEMATICAL UNION

ACCOUNTS

YEAR ENDED DECEMBER 31, 1984

INTERNATIONAL MATHEMATICAL UNION

ACCOUNTS

FOR THE YEAR ENDED DECEMBER 31, 1984

SALMI, VIRKKUNEN & HELENIUS KY

CERTIFIED PUBLIC ACCOUNTANTS

International Mathematical Union
University of Helsinki
Department of Mathematics
Hallituskatu 15
00100 HELSINKI FINLAND

Address: Keskuskatu 3
SF-00100 HELSINKI
Phone: 358-0-658 044
Telex: 12-2812 svh sf

Helsinki, March 20, 1985

AUDITORS' REPORT

We have audited the Financial Statements of the International Mathematical Union (IMU), prepared by the Executive Secretary of IMU, for the year ended December 31, 1984. The Statement of Income and Expenditure was prepared in accordance with the instructions given by the International Council of Scientific Unions in a letter dated November 30, 1984. The Balance Sheet and the accounting principles are similar to those of the previous years.

Principles and comments:

1. Currency

The Financial Statements are expressed in US dollars. Balances in other currencies have been translated into US dollars by applying the UNESCO standard average rates of exchange based on December 1984.

Income and expenditure for each month was translated into US dollars at the UNESCO average rate for the month.

2. Income

The contributions from national members have been recorded on a cash basis. From the total amount of the contributions from national members due but not paid in 1984, USD 8.625 is for the year 1984 and USD 4.705 for the previous years (the list of dues unpaid is attached to the financial statements).

The income from the sale of the 7th edition of the World Directory of Mathematicians is based on audited report of Department of Mathematics, Kyoto University, Japan, and unaudited information given by the American Mathematical Society. The reports were on the accounts of the years 1983-1984. The income of the sale (years 1983-84) and the interests are included into the bank accounts of Colonial Bank, USA and Dai-Ichi-Kangyo, Japan.

3. Expenditure

Expenditure is recorded on accruals basis. The administrative expense includes loss on exchange USD 10.658,38 owing to the great fluctuations of the US dollar.

4. Stock of the World Directory of Mathematicians

According to the Japanese report their stock of directories at December 31, 1984 was 255 copies, other accounts were not available.

5. Bank accounts

We have not been in a position to confirm the accounts from the following banks at December 31, 1984:

- Colonial Bank, USA, balance USD 16.136,95

- Dai-Ichi-Kangyo, Japan, balance yen 630.826 (USD 2.683,42). This balance is mentioned in Japanese report which was confirmed by Hiroshi Toda.

6. Funds and Prepayments

To cover the future expenses on the IMU budget for the years 1984-1986 USD 13.053 was set aside as a reserve in the financial statements of 1984.

The prepayment of USD 1.000 from the previous year was not settled in 1984 and is included in the prepayments of the balance as at December 31, 1984.

In our opinion, with reservation of the comments above, the Balance Sheet and the Statement of Income and Expenditure give a true and fair view of the financial state of the International Mathematical Union at December 31, 1984.

Antti Helenius   Annikki Rasilainen

INTERNATIONAL MATHEMATICAL UNION

Statement of Income and Expenditure
for the Year Ended 31 December 1984

NOTES

1. INCOME

Allocation from Unesco Subvention to ICSU		16.596,-
Contributions from National Members	1.	61.546,03
Sale of publications		393,75
Bank interest and gain on exchange		2.722,48
		81.258,26

II. EXPENDITURE

a. Scientific Activities

Conferences		47.373,99
Grants to Individuals/Organizations	2.	10.360,32

b. Routine Meetings

Bureau/Executive Committee		8.567,37
Other		6.231,86

c. Publications	3.	201,18

d. Administrative Expenses

General Office Expenses		676,80
Audit fees		600,-
Bank charges and loss on exchange		10.879,42
		84.890,94

Excess of Expenditure Over Income	3.632,68
Accumulated Balance at 1 January 1984	102.358,38
Accumulated Balance at 31 December 1984	98.725,70
	==========

	Notes		1984		1983
ASSETS					
Bank accounts and cash	4				
Current accounts		68.200		47.850	
Deposit accounts		49.851		`37.643	
Cash		–	118.051	37	85.530
Prepayments	5		1.000		21.000
TOTAL ASSETS			119.051		106.530
BALANCE DUE					
Due from the World Directory of Mathematicians			–		18.281
Interest of deposit account			202		–
LESS: LIABILITIES	6				
Creditors and accruals			7.474		4.690
			111.779		120.121
			=======		=======
ACCUMULATED FUNDS					
General fund	7				
Balance at December 31, 1983		102.358		98.891	
Excess of expenditure over income		(3.632)		3.467	
Balance at December 31, 1984			98.726		102.358
International Congress fund					
Balance at December 31, 1983		8.600		43.337	
Transfer to expenditure		(8.600)	–	(43.337)	
International Congress of Mathematicians 1986				8.600	
Balance at December 31, 1984			–		8.600
		Transfer	98.726		110.958

		Transfer	98.726		110.958
Special Appeal fund	7				
Balance at December 31, 1983		1.433			
Donations		–		1.433	
Balance at December 31, 1984			1.433		1.433
Program Committee fund					
Balance at December 31, 1983					
Program Committee for ICM 1986		1.950		1.950	
Transfer to expenditure		(1.950)			
Balance at December 31, 1984			–		1.950
General Assembly fund					
Balance at December 31, 1983		1.193			
General Assembly 1986		1.040		1.193	
Balance at December 31, 1984			2.233		1.193
World Directory of Mathematicians fund					
Balance at December 31, 1983					
World Directory, VIII ed.		4.587		4.587	
Balance at December 31, 1984			4.587		4.587
IMU Development fund					
Travel grants 1986		4.800			
Balance at December 31, 1984			4.800		–
			111.779		120.121
			=======		=======

INTERNATIONAL MATHEMATICAL UNION

1. STATEMENT OF CONTRIBUTIONS RECEIVED FROM MEMBERS DURING THE YEAR
   ENDED DECEMBER 31, 1984

MEMBER	PRE 1984	1984	TOTAL
Argentina	534		
Australia		1.574	
Austria		762	
Belgium	1.525		
Brazil		1.518	
Bulgaria		708	
Cameroon		340	
Canada		1.518	
Chile	.	410	
China-Taiwan		379	
Cuba		376	
Czechoslovakia		1.518	
Denmark		691	
Egypt	394		
Finland		708	
France	1.199	3.057	
Germany, D.R.		1.360	
Germany, F.R.		3.935	
Greece		340	
Hungary		1.518	
India		1.504	
Iran		394	
Ireland		691	
Israel		759	
Italy	2.729	2.419	
Japan	2.778	3.632	
Korea, R.		390	
Mexico	580	340	
Netherlands	1.560		
New Zealand		394	
Norway		346	
Poland		1.453	
Singapore		379	
South Africa		759	
Spain		787	
Sweden		1.453	
Switzerland		1.382	
Turkey		340	
United Kingdom		3.400	
U.S.S.R.	1.000	3.778	
U.S.A.		3.935	
	12.299	49.247	61.546

I.C.M.I	1.783
C.D.E	1.200
C.T.S	402
I.C.S.U	1.375
IMU lectures	800
Travel grants	4.800
	10.360

Publication expenditure is made up as follows:

	1984	1983
I.M.U. bulletin	201	238
World Directory of Mathematicians, VII ed.	–	3.500
World Directory of Mathematicians, VIII ed.	–	4.587
	201	8.325
	=====	=====

NOTES TO BE READ IN CONNECTION WITH THE FINANCIAL STATEMENT
OTHER NOTES

4. Banks and cash			1984		1983	
The amount held with banks is made up as follows			Currency	USD	Currency	USD
The Chase Manhattan Bank	USA	USD	−	−	−	2.731
Credit Swiss	SWITZERLAND					
− Current account		FS	50.636	20.255	43.179	19.807
− Deposit account		FS	84.628	33.851	82.063	37.643
Kansallis-Osake-Pankki	FINLAND	FIM	12.215	1.924	13.092	2.257
Kansallis-Osake-Pankki	FINLAND	USD	−	13.975	−	6.026
Kansallis-Osake-Pankki	FINLAND	FS	33.064	13.226	36.804	16.883
Kansallis-Osake-Pankki	FINLAND					
− Deposit account		FS	40.000	16.000	−	−
Colonial Bank	USA	USD	−	16.137	−	−
Dai-Ichi Kangyo	JAPAN	YEN	630.826	2.683	36.407	146
			=======	-------	======	-------
				118.051		85.493
Cash in hands				−		37
				-------		-------
				118.051		85.530
				=======		=======

5. PREPAYMENTS

Advance payment to SEAMS, to the regional
conference to be held in 1984   1.000

                                                                       1.000
                                                                       =====

6. CREDITORS AND ACCRUALS

International Conference on Contemporary Problems
of Algebra and Analysis, Moscow   2.000
I.M.U lectures   4.800
Audit   674

                                                     7.474
                                                    =====

7. FUNDS

These funds represent the amounts set aside to cover the following

Provided in year ended	1984 International Congress of Mathematicians	1984 Program Committee	1984 General fund	1984 General Assembly	1983 World Directory	1984 Special Appeal fund
International Congress fund						
Balance 31.12.1984	8.600					
Transfer to expenditure	(8.600)					
General fund						
Balance 31.12.1984			102.358			
Transfer from the excess of expenditure over income			(3.632)			
Special Appeal fund						
Balance 31.12.1984						1.433
Program Committee fund						
Balance 31.12.1984		1.950				
Transfer to expenditure		(1.950)				
General Assembly fund						
Balance 31.12.1984				1.193		
General Assembly 1986				1.040		
World Directory of Mathematicians fund						
Balance 31.12.1984					4.587	
	-	-	98.726	2.233	4.587	1.433

	1984 IMU Development fund
IMU Development fund	
Balance 31.12.1984	
Travel Grants	4.800
	4.800

STATEMENT OF INCOME AND EXPENDITURE:
FINANCIAL YEARS 1983 AND 1984 COMPARED

	1984		1983	
INCOME				
Allocation from Unesco grant to ICSU	16.596		14.706	
Contributions from National Members	61.546		54.260	
Sale of publications	394		18.281	
Bank interest	2.492		2.126	
Net exchange (loss) / gain	(10.436)		(2.876)	
		70.592		86.497
EXPENDITURE				
A. MEETINGS				
Representation at meetings	9.244		7.898	
Program Committee	3.863		1.950	
General Assembly	1.040		1.193	
		14.147		11.041
B. PUBLICATIONS		201		8.325
C. SCIENTIFIC ACTIVITIES				
Colloquia	27.003		13.010	
Other activities				
ICM 1986	8.371		8.601	
I.C.M.I.	7.000		2.696	
CDE	5.000		-	
IMU lectures	800	48.174	-	24.307

D. ADMINISTRATIVE EXPENSES

Grant to C.T.S.	402		400	
Grant to I.C.M.I.	1.783		2.010	
Grant to C.D.E.	1.200		1.421	
Contribution to I.C.S.U	1.375		1.324	
Travel grants	4.800		32.557	
Audit fees	600		693	
General office expenses	1.329		802	
Bank charges	213		150	
		11.702		39.357
		74.224		83.030
		======		======
		(3.632)		3.467

EXCESS OF INCOME OVER EXPENDITURE

Allocated to:

General fund	(3.632)		3.467	
		(3.632)		3.467
		=======		======

The following countries had not paid their dues for the year 1984:

country	dues	USD
Argentina	1700 SFR	680
Belgium	3400 SFR	1360
Egypt	850 SFR	340
Hong Kong	850 SFR	340
Iceland	850 SFR	340
Korea, D.P.R	850 SFR	340
Netherlands	3400 SFR	1360
Nigeria	850 SFR	340
Pakistan	1700 SFR	680
Philippines	850 SFR	340
Portugal	850 SFR	340
Romania	1700 SFR	680
Viet Nam	850 SFR	340
Yugoslavia	1700 SFR	680
		8.160

The following countries had part of their dues for 1984 unpaid:

country	remaining sum	USD
France	1162,95 SFR	465
		465

The following countries have (part or all of) earlier dues unpaid:

member	sum	year(s)	USD
Argentina	510 SFR	1983	204
France	252 SFR	1983	101
Nigeria	850 SFR	1983	340
Pakistan	1700 SFR	1983	680
Romania	2900 SFR	1982, 1983	1160
Turkey	3850 SFR	1978-1983	1540
Yugoslavia	1700 SFR	1983	680
			4.705
		TOTAL	13.330
			==================

1 USD = 2,500 SFR = December 31, 1984

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